PLANMECA INTRA intraoral x-ray unit

Main features

Planmeca Intra is a microprocessor-controlled intra-oral x-ray with high frequency operated x-ray generator. Kilovoltage is adjustable between 50 - 70 kV and milliamperes are adjustable from 2 - 8 mA for the optimum contrast and density of the different objects. Planmeca Intra has 60 pre-programmable exposure parameters for quick and easy operation. The exposure time is selectable between 0.01 - 3.2 sec. in 26 visually detectable density steps. For different film sensitivities there are 11 density steps for constant image quality. The small focal spot provides the high image sharpness with a minimum distortion.

- Easy and accurate positioning, steady arm with smooth action, very light weight and compact size
- Very long reach (197 cm)
- Hygienic surfaces
- Remote control: Hand held control panel
- Low dose constant potential generator, very high operating frequency, small focal spot, automatic compensation for mains voltage fluctuation
- Microprocessor controlled
- Adjustable anode voltage (50, 52, 55, 57, 60, 63, 66 and 70 kV), adjustable working range
- Adjustable anode current 2, 3, 4, 5, 6, 7, 8 mA
- Pre-programmable exposure parameters
- Optimised image quality for all techniques, outstanding definition and sharpness
- Short and long cone techniques (200 and 300 mm), automatic density compensation for different cones

- 11 density selections for different films
- Visually detectable density steps of exposure times
- Automatic duty cycle control
- Flash programming technology
- Self diagnosis system and help codes
- Mounting:
  - Wall mounted (standard)
  - Optional ceiling mounted
  - Optional Planmeca Compact Unit mounted
  - Mobile mounted
  - 4 optional extensions
- Digital imaging ready

Technical specifications

Generator:	Constant potential, microprocessor controlled, operating frequency 66 kHz
X-ray tube:	Toshiba D-0711SB
Focal spot:	0.7 mm according to IEC 60336
Cone diameter:	60 mm, round 35 x 45 mm, rectangular
Filtration:	min 2 mm Al
Anode voltage:	50, 52, 55, 57, 60, 63, 66, 70 kV; ripple ±1kV adjustable working range
KV rise time:	8 ms
Anode current:	2 - 8 mA DC, 1mA steps
Exposure time:	0.01-3.2 s, 26 steps
SSD (standard/long)	200 mm round 300 mm round 300 mm rectangular 340 mm rectangular
Line voltage:	100/110-115/220-240 ±10%, 50/60Hz
Fusing:	15 AT / 8 AT
Duty cycle:	1:15, automatic control
Weight:	23 kg, total 4,5 kg, tubehead
Mounting:	Wall, ceiling, single stud, pass-through, floor column, mobile or Compact dental unit
Reach:	148 cm, 168 cm, 190 cm, 198 cm
Standard colour:	white RAL 9016